

Converting Colors

XYZ(85.8840, 74.9593, 72.6370)

Have a look what the booklet for
XYZ(85.8840, 74.9593, 72.6370)
contains.

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Color

**XYZ(74.8431, 69.2498,
72.3727)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD5
RGB	255, 204, 213
RGB Percent	100%, 80%, 84%
CMY	0.0000, 0.2000, 0.1647
CMYK	0.00, 0.20, 0.16, 0.00
HSL	349°, 100%, 90%
HSV	349°, 20%, 100%
XYZ	74.8431, 69.2498, 72.3727
YIQ	220.2750, 27.5070, 13.6110

Conversions

Conversions Part 2

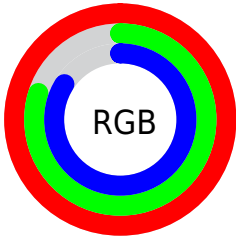
Format	Color
R _Y B	255, 204, 213
Decimal	16764117
CIE Lab	86.63, 19.36, 2.40
CIE LCh	87, 19.504, 7.073
Yxy	69.2498, 0.3458, 0.3199
Android (android.graphics.Color)	4294954197 (0xFFFFCCD5)
YUV	220.2750, -3.5866, 30.4538
Hunter-Lab	83.2165, 14.9103, 6.6875

Details

The XYZ color **74.8431, 69.2498, 72.3727** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2988, 91.0123, 100.6856**, and the grayscale version is **68.2318, 71.7851, 78.1740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3666, 36.2871, 37.2243** is the 20% darker color. If you saturate the color by 10%, you get **66.7757, 57.1083, 57.3725**, and if you desaturate by 10%, it is **84.2513, 83.5198, 89.5247**.

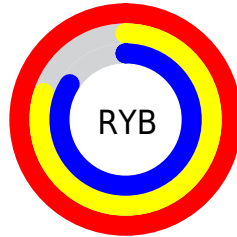
Distribution



Red (100%)

Green (80%)

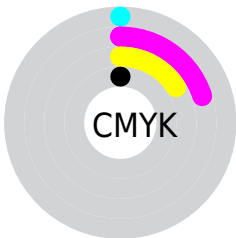
Blue (84%)



Red (100%)

Yellow (80%)

Blue (84%)

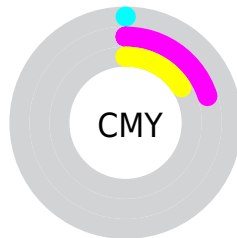


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8431, 69.2498, 72.3727 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.8431, 69.2498, 72.3727 by changing the saturation by 10% instead.


 74.8431, 69.2498,
72.3727

 74.8431, 69.2498,
72.3727


466.3836,
457.9115, 487.8502

 55.7781, 50.9152,
52.9745


125.0793,
118.1383, 124.2989

 40.2613, 36.1411,
37.3948


156.9813,
149.4610, 157.6640

 27.9275, 24.5432,
25.2152


193.8929,
185.8817, 196.5218

 18.4112, 15.7370,
16.0169

236.1795,
227.7851, 241.2908

 11.3471, 9.3383,
9.3817

284.2066,
275.5553, 292.3896

 6.3698, 4.9625,
4.8908

338.3394,

 3.1140, 2.2253,

329.5769, 350.2368

2.1257

398.9432,
390.2341, 415.2508

■ 1.2143, 0.7337,
0.6310

■ 0.1176, 0.0000,
0.0000

■ 74.8431, 69.2498,
72.3727

■ 74.8431, 69.2498,
72.3727

■ 66.7757, 57.1083,
57.3725

■ 84.2513, 83.5198,
89.5247

■ 59.9827, 46.9846,
44.4345

95.0500, 100.0000,
108.9000

■ 54.3996, 38.7717,
33.4690

■ 49.9540, 32.3488,
24.3780

■ 46.5658, 27.5814,
17.0547

■ 44.1440, 24.3162,
11.3817

■ 42.5816, 22.3703,
7.2262

■ 41.7135, 21.4495,
4.4230

■ 41.7133, 21.4493,
4.4224

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1680, 69.2498, 85.5373



74.8431, 69.2498, 72.3727



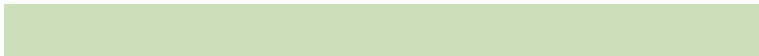
73.0133, 69.2498, 61.3474

Triad

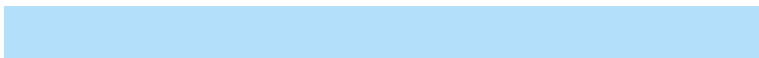
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8431, 69.2498, 72.3727



60.7099, 69.2498, 57.2060



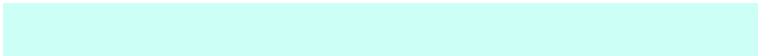
62.4863, 69.2498, 100.7748

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.8431, 69.2498, 72.3727



77.2988, 91.0123, 100.6856

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.1151, 69.2498, 91.4526



74.8431, 69.2498, 72.3727



58.1229, 69.2498, 66.0994

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8431, 69.2498, 72.3727



64.7537, 69.2498, 53.2657



57.5527, 69.2498, 78.5132



66.8977, 69.2498, 102.9500

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8431, 69.2498, 72.3727



70.6665, 69.2498, 56.3498



57.5527, 69.2498, 78.5132



61.2000, 69.2498, 98.3252

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.8447, 69.2528, 72.3741



88.3989, 89.8385, 97.0003



77.5281, 69.9384, 104.0210



18.7727, 19.0029, 20.4954



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8447, 69.2528, 72.3741



71.4580, 64.1429, 66.1167



77.7735, 76.8873, 67.8722



18.1402, 18.0394, 19.3552



21.8337, 11.2228, 2.5090



2.1600, 1.1064, 0.4238

Inverse Universe

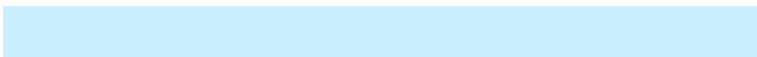
The Inverse Universe completely reimagines the original color for something new.



74.8447, 69.2528, 72.3741



71.4580, 64.1429, 66.1167



73.7767, 81.7046, 106.4899



18.1402, 18.0394, 19.3552



21.8337, 11.2228, 2.5090



2.1600, 1.1064, 0.4238

Previews

White Background



This preview shows how the XYZ color 74.8431, 69.2498, 72.3727 looks on a white background.

Color Contrast Check

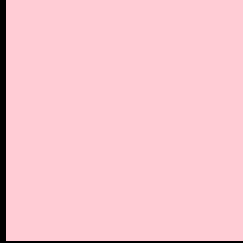
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.8431, 69.2498, 72.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

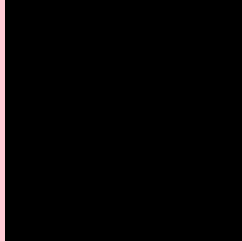
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8431, 69.2498, 72.3727

Background



This preview shows how black text looks on a background with the XYZ color 74.8431, 69.2498, 72.3727.



This preview shows how white text looks on a background with the XYZ color 74.8431, 69.2498,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.8431, 69.2498, 72.3727

Protanopia

66.9893, 69.4947, 77.5932

Deuteranopia

70.8654, 69.3719, 71.9425



Tritanopia

75.3821, 69.0863, 76.3798

Trichromacy



Original Color

74.8431, 69.2498, 72.3727

Protanomaly

69.6721, 69.4204, 75.3730

Deuteranomaly

72.0957, 69.2777, 71.8594

Tritanomaly

75.1203, 68.9816, 75.0012

Monochromacy



Original Color

74.8431, 69.2498, 72.3727

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.1752, 70.4265, 75.5407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8431, 69.2498, 72.3727 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 204, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 213) }
```

Border

The CSS property to change the border of an element to XYZ 74.8431, 69.2498, 72.3727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 204, 213) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 204, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8431, 69.2498, 72.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
204, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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